AMENDMENTS TO THE CLAIMS:

1.   (Original) A method of providing device control to at least one device component, said device control enabling interaction of a data network service with said at least one device component, and method comprising:

communicating with said at least one device component;

logically associating a selection of said at least one device component in an aggregate logical device;

maintaining a logical model of said aggregate logical device; and

providing access to said data network service by representing said selection of said at least one device component to said data network service as said aggregate logical device.

2.   (Original) The method of claim 1 wherein said maintaining said logical model comprises maintaining a state of each of said selection of said at least one device component in said logical model.

3.   (Original) The method of claim 1 wherein said communicating uses a stimulus message format.

4.   (Original) The method of claim 3 wherein said stimulus message format employs the Megaco Protocol.

5.   (Original) The method of claim 3 wherein said stimulus message format employs the Session Initiation Protocol (SIP).

6.   (Original) The method of claim 3 wherein said stimulus message format employs the H.323 protocol.

7.   (Original) The method of claim 1 wherein said maintaining said logical model further comprises dynamically adding a given device component to said logical model.

8.   (Original) The method of claim 1 wherein said maintaining further comprises dynamically removing a given device component from said logical model.

9.   (Original) The method of claim 1 wherein a server of said data network service is physically associated with at least one of said selection of said at least one device component.

10.   (Original) The method of claim 1 wherein said representing further comprises:

encapsulating a message destined for a server of said data network service to result in an

encapsulated message; and

sending said encapsulated message to at least one of said selection of said at least one device

component for forwarding to said server of said data network service.

11.   (Original) The method of claim 1 wherein said data network service is a first data network

service and wherein said providing comprises:

executing a first data network service adapter application corresponding to a server of said

first data network service; and

logically associating said first data network service adapter application with said aggregate

logical device.

12.   (Original) The method of claim 11 further comprising:

providing access to a second data network service by representing said selection of said at

least one device component to said second data network service as said aggregate logical device; and

where said providing includes executing a second data network service adapter application

corresponding to said server of said second data network service and logically associating said

second data network service adapter application with said aggregate logical device.

13.   (Original)   The method of claim 12 further comprising routing, as necessary, said communicating with said at least one device component to an appropriate one of either said first data network service adapter application of said second data network service adapter application.

14.   (Original) The method of claim 12 wherein said providing comprises:

executing a compound data network service adapter application comprising a logical association of:

said first data network service adapter application corresponding to said server of said first data network service; and

a second data network service adapter application corresponding to said server of said server of said second data network service; and

logically associating said compound data network service adapter application with said aggregate logical advice.

15.   (Original) The method of claim 14 wherein said server of said first data network service is functionally associated with said service is functionally associated with said server of said second data network service.

16.   (Original) The method of claim 11 wherein said representing further comprises:

receiving an encapsulated message, containing a message from a server of said data network

service, from at least one of said selection of said at least one device component; and

de-encapsulating said encapsulated message for forwarding to said first data network service

adapter application.

17.   (Original) The method of claim 12 further comprising enforcing visibility rules for mediating

said communication with said at least one device component as said communication relates to said

first data network service adapter application and said second data network service adapter

application.

18.   (Original) The method of claim 1 wherein said at least one device component is a plurality

of device components.

19.   (Original) The method of claim 18 wherein at least one of said plurality of device

components is connected to a data network.

20. (Original) The method of claim 18 further comprising:

logically associated at least one device component of said plurality of device components in a second aggregate logical device; and

maintaining a second logical model of said second aggregate logical device.

21. (Original) The method of claim 20 further comprising providing access to said data network service by representing said at least one device component of said plurality of device components to said data network service as said second aggregate logical device.

22. (Original) The method of claim 20 further comprising providing access to a second data network service by representing said at least one device component of said plurality of device components to said second data network service as said second aggregate logical device.

23. (Original) The method of claim 18 wherein a given device component of said selection of said plurality of device components is a primary network intelligence for providing device control to further ones of said plurality of device components.

24. (Original) The method of claim 23 wherein communication with said primary network intelligence uses a stimulus message format.

25.   (Original) The method of claim 24 wherein said stimulus message format employs the Megaco Protocol.

26.   (Original) The method of claim 23 wherein, upon loss of communication with said primary network intelligence, said method further comprises:

communicating with said further ones of said plurality of device components;

logically associating said further ones of said plurality of device components with one another as second aggregate logical device;

maintaining a second logical model of said second aggregate logical device; and

providing access to said data network service by representing said further ones of said plurality of device components to said data network service as said second aggregate logical device.

27.   (Original) The method of claim 1 wherein said providing comprises:

converting an indication of a change in a state of said logical model of said aggregate logical device into a request of said data network service; and

sending said request to said data network service.

28.   (Original) The method of claim 27 wherein said providing comprises:

receiving a response to said request of said data network service;

generating an interpretation of said response; and

providing instructions, based on said interpretation, to change said state of said logical model

of said aggregate logical device.

29.   (Original) The method of claim 28 wherein said response comprises a media flow and,

responsive to said interpretation of said response, said communicating further comprises sending said

media flow to a given device component of said selection of said at least device component.

30.   (Original) The method of claim 29 wherein said generating said interpretation further

comprises, before said sending, converting said media flow from a format in which said media flow

was received to a format understood by said given device component of said selection of said at least

one device component

31.   (Original) The method of claim 28 wherein said response comprises a data file and,

responsive to said interpretation of said response, and communicating further comprises sending said

data file to a give device component of said selection of said at least one device component.

32.   (Original) The method of claim 31 wherein said generating said interpretation further comprises, before said sending, converting said data from a format in which said data file was received to a format understood by said given device component of said selection of said at least one device component.

33.   (Original) The method of claim 27 wherein sending said request to said data network service further comprises instructing said data network service to direct a response to a give device component of said selection of said at least one device component.

34.   (Original) The method of claim 1 wherein said aggregate logical device comprises a logical device element corresponding to each of said at least one device component and wherein a given logical device element corresponds to a particular device component and a device type of said given logical device element is different from a device type of said particular device component.

35.   (Original) The method of claim 34 wherein said device type of said logical device element is "pointing device" and said device type of said particular device component is "microphone".

36.   (Original) The method of claim 35 further comprising using speech recognition to convert a message received from said "microphone" device type to a state change of said "pointing device" device type.

37.   (Original)   A network intelligence for providing device control to at least one device

component, said network intelligence comprising:

a message driver for communicating with said at least one device component;

a resource context manager for:

logically associating a selection of said at least one device component in an aggregate logical

device;

maintaining a logical model of said aggregate logical device; and

a service adapter for representing said selection of said at least one device component to said

data network service as said aggregate logical device to provide access to said data network service.

38.   (Original) A computer readable medium containing computer-executable instructions which,

when performed by a processor in a network intelligence for providing device control to at least one

device component, cause the processor to:

communicate with said at least one device component:

logically associate a selection of said at least one device component in an aggregate logical

device;

maintain a logical model of said aggregate logical device;

represent said selection of said at least one device component to said data network service

as said aggregate logical device to provide access to said data network service.

39. - 43. (Canceled).

44.   (Original) A method of providing device control to at least one device component, said device control enabling interaction of a stand-alone service with said at least one device component, said method comprising:

communicating with said at least one device component;

logically associating a selection of said at least one device component in an aggregate logical device;

maintaining a logical model of said aggregate logical device; and

providing access to said stand-alone service by representing said selection of said at least one device component to said stand-alone service as said aggregate logical device.

45.   (New) A method of providing device control to at least one device component, said device

control enabling interaction of a data network service with said at least one device component, and

method comprising:

communicating with said at least one device component, wherein said communicating uses

a stimulus message format and employs the Session Initiation Protocol (SIP);

logically associating a selection of said at least one device component in an aggregate

logical device;

maintaining a logical model of said aggregate logical device; and

providing access to said data network service by representing said selection of said at

least one device component to said data network service as said aggregate logical device.

46.   (New) A method of providing device control to at least one device component, said device control enabling interaction of a data network service with said at least one device component, and method comprising:

communicating with said at least one device component;

logically associating a selection of said at least one device component in an aggregate logical device;

maintaining a logical model of said aggregate logical device; and

providing access to said data network service by representing said selection of said at least one device component to said data network service as said aggregate logical device, and said representing further comprises,

encapsulating a message destined for a server of said data network service to result in an encapsulated message, and

sending said encapsulated message to at least one of said selection of said at least one device component for forwarding to said server of said data network service

47.   (New) A method of providing device control to at least one device component, said

device control enabling interaction of a data network service with said at least one device

component, and method comprising:

communicating with said at least one device component;

logically associating a selection of said at least one device component in an aggregate

logical device;

maintaining a logical model of said aggregate logical device; and

providing access to said data network service by representing said selection of said at

least one device component to said data network service as said aggregate logical device;

wherein said data network service is a first data network service;

wherein said providing further comprises,

executing a first data network service adapter application corresponding to a

server of said first data network service, and

logically associating said first data network service adapter application with said

aggregate logical device; and

wherein said representing further comprises,

receiving an encapsulated message, containing a message from a server of said data

network service, from at least one of said selection of said at least one device component, and

de-encapsulating said encapsulated message for forwarding to said first data network

service adapter application.